

PRELIMINARY REPORT
INDUSTRY SERIES

1982
Census of
Construction Industries

CC82-I-19(P)
Issued November 1983

CONCRETE WORK SPECIAL TRADE CONTRACTORS
(Industry 1771)

During 1982, the establishments with paid employees, classified in this industry accounted for \$9.9 billion in total business receipts. Of this amount, \$9.7 billion were receipts for construction work. These establishments paid out \$3.9 billion for materials, components, supplies, and fuels and \$.9 billion for construction work subcontracted to others. This industry had total average employment of 177,763 employees with total payroll of \$2.6 billion. Value added for 1982 was \$5.1 billion.

Establishments classified in this industry are engaged primarily in concrete work and the surfacing of concrete floors, applying seal to concrete or asphalt surfaces, constructing with gunite and stucco, and constructing private driveways and walks of all materials. For specific examples, refer to the 1972 Standard Industrial Classification (SIC) Manual and its 1977 Supplement, published by the Office of Management and Budget, Executive Office of the President.

For this census, a "construction establishment" was defined as a relatively permanent office or other place of business at which or from which the usual business activities related to construction were conducted. A separate census report was required from each establishment but not from each construction site. Instead, the data for work at each site were included in the report from the appropriate office or branch office. Foreign construction activities were not included in this census.

The 1982 estimates for establishments with paid employees in all of the construction industries are based on reports from a probability sample of approximately 172,000 establishments selected from a universe of about 498,000 construction establishments with payroll. The data obtained from the sample were weighted to represent all construction establishments with payroll. Complete descriptions of the sampling and estimating procedures will be included in the final reports.

Since the data in this report are based on a sample, they are subject to sampling variability and may be expected to differ from results which would have been obtained if a complete census had been taken using the same questionnaires and procedures. The relative standard error shown in the tables is a measure of sampling variability, i.e., the variation that might occur by chance because only a sample of the population was surveyed.

All data shown are based on current dollars for the years specified and have not been adjusted for inflation.



U.S. Department
of Commerce
BUREAU OF
THE CENSUS

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Table 1. General Statistics for Establishments With Payroll by States: 1982 and 1977

(Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see page 4)

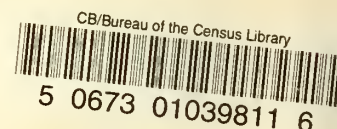
Location of establishment	1982							
	Number of establishments	Employees**		Payroll		Construction worker hours (thousands)	Total construction receipts	Net construction receipts†
		All	Construction workers	All employees	Construction workers			
A	B	C	D	E	F	G	H	
United States.....	19 884	177 763	155 253	2 590 246	2 113 339	250 439	9 669 402	8 714 913
Alabama.....	165	(D)	1 399	(D)	13 457	2 380	68 234	62 722
Alaska.....	29	409	350	6 659	5 775	596	37 253	(D)
Arizona.....	355	4 082	3 590	57 973	46 834	5 720	224 552	209 118
Arkansas.....	111	674	565	7 742	6 080	875	(D)	(D)
California.....	2 207	20 339	17 178	378 793	301 028	25 804	1 428 571	1 254 503
Colorado.....	540	5 884	5 140	79 375	63 703	8 085	298 569	277 907
Connecticut.....	335	2 169	1 929	33 164	28 483	3 239	115 821	110 394
Delaware.....	44	670	583	10 778	9 147	998	39 439	32 726
District of Columbia.....	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Florida.....	997	10 833	9 588	152 372	121 048	16 436	567 171	504 771
Georgia.....	370	4 125	3 613	42 362	35 048	6 052	170 294	154 676
Hawaii.....	52	861	624	18 604	13 109	1 012	71 478	59 401
Idaho.....	105	376	346	4 192	3 661	532	20 041	18 329
Illinois.....	1 025	9 575	8 139	169 368	142 229	13 241	588 974	523 048
Indiana.....	405	2 961	2 458	41 793	33 861	3 840	156 359	145 243
Iowa.....	328	2 073	1 853	27 390	22 833	3 105	116 262	106 439
Kansas.....	255	2 552	2 372	25 965	22 260	3 739	102 993	95 301
Kentucky.....	281	2 224	1 968	(D)	(D)	3 244	137 251	126 459
Louisiana.....	150	1 585	1 387	18 396	15 192	2 212	76 859	67 454
Maine.....	76	532	475	5 583	4 825	820	20 478	19 839
Maryland.....	342	5 161	4 526	72 684	59 325	7 647	221 685	209 646
Massachusetts.....	379	2 767	2 417	40 141	32 994	3 920	144 763	132 956
Michigan.....	787	4 143	3 517	66 310	52 722	5 545	251 132	221 825
Minnesota.....	477	3 214	2 773	53 964	42 987	4 178	185 835	169 232
Mississippi.....	100	1 496	1 337	16 666	13 035	2 333	64 574	54 754
Missouri.....	533	4 019	3 518	58 226	47 279	5 269	190 281	179 577
Montana.....	100	479	430	5 228	4 566	598	(D)	(D)
Nebraska.....	203	1 032	922	11 562	9 808	1 364	41 720	37 415
Nevada.....	76	916	791	18 185	15 619	1 186	67 459	61 539
New Hampshire.....	84	433	381	5 593	4 631	603	17 092	16 021
New Jersey.....	520	4 694	4 169	71 520	59 975	6 741	263 167	234 610
New Mexico.....	139	1 368	1 245	16 202	14 272	2 220	67 520	59 543
New York.....	1 198	11 429	10 005	193 586	160 387	16 259	656 911	604 340
North Carolina.....	417	3 511	3 070	34 871	27 640	4 962	145 987	138 626
North Dakota.....	99	533	495	5 834	5 317	852	21 890	20 825
Ohio.....	1 081	8 077	6 881	129 237	107 148	10 812	486 079	437 995
Oklahoma.....	305	2 168	2 005	25 149	21 640	3 291	82 833	77 799
Oregon.....	305	1 865	1 634	26 946	21 411	2 502	107 092	97 010
Pennsylvania.....	1 056	6 950	5 962	95 603	75 413	9 411	369 508	337 459
Rhode Island.....	86	518	430	8 945	7 020	721	30 926	24 282
South Carolina.....	145	1 607	1 379	17 419	13 596	2 549	73 604	66 021
South Dakota.....	85	436	397	4 704	3 946	614	17 896	15 845
Tennessee.....	249	3 124	2 738	39 031	31 272	4 757	191 385	161 127
Texas.....	1 501	20 560	18 651	245 844	208 669	30 598	947 038	839 367
Utah.....	203	1 266	1 111	17 177	14 490	1 759	62 694	56 985
Vermont.....	61	(D)	(D)	(D)	(D)	(D)	14 548	14 135
Virginia.....	384	5 247	4 634	76 629	59 946	7 950	287 400	265 092
Washington.....	405	2 575	2 304	43 817	36 912	3 508	147 150	136 797
West Virginia.....	72	534	463	6 892	5 335	744	32 910	29 788
Wisconsin.....	562	3 002	2 568	39 436	32 255	4 006	156 242	143 989
Wyoming.....	82	591	542	7 445	6 077	903	25 524	23 369

1982--Con.						1977			Relative standard error of estimate (percent) for column--			Location of establishment
Value added ††	Payments for materials, components, supplies, and fuels	Payments for construction work sub-contracted to others	Rental payments for machinery, equipment, and structures	Capital expenditures, other than land	End-of-year gross book value of depreciable assets	All employees**	Total construction receipts	Value added ††				
I	J	K	L	M	N	O	P	Q	D	H	M	
5 059 252	3 886 482	954 489	218 913	244 238	2 774 327	118 116	4 097 293	2 227 880	(W)	(W)	1	U.S.
(D)	(D)	5 512	856	2 267	33 135	1 177	24 296	13 124	(X)	6	17	Ala.
15 257	(D)	(D)	(D)	(D)	(D)	73	5 021	3 542	5	(X)	(X)	Alaska
113 443	98 280	15 434	4 665	4 396	52 549	2 401	99 800	51 912	5	4	5	Ariz.
13 227	11 243	1 641	500	2 363	11 042	773	26 330	13 665	13	(X)	26	Ark.
776 911	497 774	174 067	46 525	32 804	323 143	16 634	834 540	449 447	2	1	3	Calif.
170 163	110 087	20 662	4 759	8 249	72 218	3 216	95 343	51 476	4	3	3	Colo.
72 668	40 542	5 427	2 160	2 863	32 109	1 309	42 262	26 027	9	6	10	Conn.
21 647	11 119	6 713	719	439	7 304	427	11 857	6 388	9	8	4	Del.
(D)	(D)	(D)	(D)	(D)	(D)	(S)	(S)	(S)	(X)	(X)	(X)	D.C.
316 316	204 791	62 400	12 524	13 607	155 798	5 759	130 403	82 789	2	2	4	Fla.
81 212	78 433	15 617	2 323	2 430	60 312	1 492	40 324	24 145	6	5	8	Ga.
38 799	25 600	12 077	1 328	2 577	26 781	283	11 566	7 447	4	3	1	Hawaii
10 215	8 187	1 712	243	340	5 082	432	11 648	6 017	19	17	27	Idaho
297 719	231 375	65 925	13 746	15 605	155 297	8 778	362 255	186 090	3	2	3	Ill.
82 542	66 196	11 116	2 436	3 054	60 825	2 383	70 718	39 060	6	4	9	Ind.
50 499	60 175	9 823	2 020	2 193	55 700	1 599	57 516	31 059	7	5	10	Iowa
54 740	41 783	7 692	976	1 538	32 041	1 700	51 624	26 220	6	7	13	Kans.
66 473	66 717	10 792	2 625	3 070	41 663	1 281	35 852	19 326	(X)	5	6	Ky.
40 549	29 930	9 405	1 902	2 223	23 126	(S)	(S)	(S)	9	9	3	La.
13 093	7 545	639	158	619	13 142	306	8 384	4 840	20	18	7	Maine
127 840	84 878	12 039	5 653	5 010	50 395	3 320	88 932	53 222	5	4	11	Md.
83 239	57 453	11 807	4 481	5 269	42 028	1 603	53 286	29 932	7	6	9	Mass.
130 689	97 218	29 307	4 741	7 952	96 734	4 160	169 570	92 589	5	4	4	Mich.
99 568	76 599	16 603	5 176	7 403	75 858	2 892	115 040	62 211	6	5	7	Minn.
34 119	23 859	9 820	738	3 425	32 196	460	7 543	3 970	6	4	2	Miss.
104 779	77 495	10 704	2 292	6 343	48 854	2 887	100 940	57 802	5	4	5	Mo.
14 471	10 238	*2 367	839	536	12 604	322	11 348	6 373	21	(X)	23	Mont.
21 104	17 068	4 305	989	1 446	16 684	1 035	32 528	18 254	11	10	10	Nebr.
36 245	25 505	5 920	1 336	1 244	15 493	1 164	49 271	28 875	8	6	4	Nev.
10 746	5 677	1 070	271	658	5 258	535	17 609	9 679	17	13	24	N.H.
134 577	103 458	28 557	5 721	5 931	68 272	2 100	80 004	44 333	4	4	6	N.J.
33 160	27 489	7 977	3 409	3 586	34 462	889	31 776	16 176	9	7	4	N. Mex.
373 062	245 760	52 571	15 634	12 086	129 705	6 762	260 245	138 213	2	2	5	N.Y.
79 546	64 214	7 360	1 826	3 323	54 033	1 971	47 349	26 090	7	6	13	N.C.
12 331	9 088	1 065	236	1 023	11 921	387	11 950	5 387	30	26	14	N. Dak.
238 370	208 026	48 084	9 485	8 168	135 068	6 419	226 460	120 586	3	2	4	Ohio
45 740	33 577	5 034	1 162	2 856	25 417	1 131	25 918	14 629	8	9	7	Okla.
58 536	42 291	10 081	4 930	2 032	39 406	1 446	47 707	28 279	11	8	11	Oreg.
200 545	144 504	32 048	8 938	8 877	102 525	4 026	132 646	70 999	4	3	5	Pa.
13 315	12 009	6 644	527	371	8 901	397	8 940	5 304	16	13	11	R.I.
33 834	36 452	7 583	1 154	3 571	31 190	643	11 273	6 036	7	6	3	S.C.
8 138	8 025	2 051	(D)	(D)	4 192	521	16 119	7 592	14	11	(X)	S. Dak.
70 542	101 326	30 258	2 300	4 903	62 045	1 765	44 583	24 940	6	3	2	Tenn.
436 269	419 206	107 671	21 935	27 757	234 844	11 309	285 427	142 414	2	2	3	Tex.
35 261	21 888	5 709	1 982	2 835	25 153	1 161	34 821	19 216	11	9	10	Utah
8 806	(D)	413	182	684	7 532	268	8 483	4 745	(X)	27	12	Vt.
150 830	132 926	22 308	5 208	4 640	95 814	2 284	56 213	30 344	3	2	8	Va.
82 130	56 798	10 353	2 348	3 467	47 696	1 764	51 886	34 675	6	4	2	Wash.
17 624	13 293	*3 121	445	1 009	17 698	319	8 925	6 695	15	10	9	W. Va.
78 743	68 895	12 253	2 519	4 986	69 193	2 880	114 647	60 660	6	5	5	Wis.
12 774	11 947	2 155	681	1 102	7 234	305	9 404	4 894	14	15	17	Wyo.

Table 2. **Construction Receipts for Establishments With Payroll by Type of Construction: 1982 and 1977**

(Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see page 4)

Item	1982	1977	Relative standard error of estimate (percent)	
			1982	1977
Total construction receipts.....	9 669 402	4 097 293	1	1
Building construction.....	4 201 975	2 973 690	1	1
Single-family houses.....	1 196 084	1 489 837	2	1
Apartment buildings with two or more apartments.....	492 658	291 911	2	2
Other residential buildings.....	121 380	53 217	4	4
Industrial buildings and warehouses.....	938 261	531 266	2	1
Office and bank buildings.....	723 015	156 319	1	2
Stores, restaurants, public garages, and auto- mobile service stations.....	316 553	180 471	3	3
Religious buildings.....	39 734	30 733	6	6
Educational buildings.....	96 371	77 638	5	3
Hospitals and institutional buildings.....	136 501	78 159	2	2
Other nonresidential buildings.....	141 412	84 139	6	4
Nonbuilding construction.....	4 153 486	568 162	2	2
Highways, streets, and related facilities.....	3 197 855	110 234	1	2
Outdoor swimming pools.....	13 856	57 931	10	5
Parking areas.....	164 171	110 068	5	5
Sewers, water mains, and related facilities....	160 090	28 699	3	5
Other nonbuilding construction.....	617 514	261 230	1	3
Construction work, n.s.k.....	1 313 941	555 516	2	2



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The following abbreviations and symbols are used in the tables in this publication:

- * Sampling error exceeds 40 percent.
- ** All employees (average) is the sum of construction workers during pay period including 12th of March, May, August, and November divided by 4, added to all others, March 12th.
- Represents zero.
- † Represents total construction receipts less payments for construction work subcontracted to others.
- †† Represents all business receipts less payments for construction work subcontracted to others, and payments for material, components, supplies, and fuels. In SIC's 1531 and 6552, land receipts are also subtracted from "all business receipts".
- (D) Withheld to avoid disclosing data for individual companies; data are included in higher level totals.
- (NA) Not available.
- (S) Withheld because estimate did not meet publication standards on the basis of either the response rate, associated standard error, or a consistency review.
- (W) Greater than zero but less than 1 percent.
- (X) Not applicable.
- n.s.k. Not specified by kind.

